(c) and (d) CISF has not been withdrawn from Pench Area. As on date, 125 CISF personnel under one Assistant Commandant are deployed to check occurrence of coal theft, illegal coal transportation and illegal mining in Pench Area.

(e) Does not arise in view of reply given above.

**Collapsing of various coal mines**

1404. SHRI M.V. MYSURA REDDY: Will the PRIME MINISTER be pleased to state:

(a) the number of persons (workers) who died due to collapsing of various coal mines in the country during the last three years, coal mine-wise, year-wise and State-wise;

(b) the details of reasons for such mishappenings;

(c) whether it is a fact that adequate compensation was not paid to the families of the victims;

(d) if so, the details thereof and the reasons therefor; and

(e) the steps being taken by Government thereon?

THE MINISTER OF STAtE IN THE MINISTRY OF COAL (DR. DASARI NARAYAN RAO): (a) and (b) The details of persons died due to collapsing (fall of roof and sides) of various coal mines in the country during the last three years, coal mine-wise, year-wise and State-wise alongwith reasons for such mishapenings are given in a Statement *(See* below).

(c) No, Sir. Compensation as per Workmen's Compensation Act, 1923 is paid to the families of the victims of mine accidents.

(d) Does not arise in view of reply given to part (c) above.

(e) To prevent recurrence of such mishappenings, in addition to complying with the statutory provisions related to safety in coal mines, the following broad steps have been taken:

1. Coal companies have established a structured multi-disciplinary Internal Safety Organization (ISO) to assist the line management at various levels in matters related to Safety.

2. Coal companies have introduced Risk Assessment based Safety Management Plan for its mines to mitigate potential dangers.

3. Safety Audit is being conducted regularly for all mines. Recently two stage Safety Audit system has been introduced, in which in the first stage the deficiencies, if any, in the Safety System are detected and remedial measures suggested and in the second stage compliance of the suggested measures in checked through the Audit.

4. For reduction of Roof & Side fall accidents: Coal companies give priority for ensuring proper roof support management through:

   Adoption of systematic Support Plan based on Roack-mass-rating (RMR) of over-lying roof strata.

Greater use of Roof Bolting Stitching methods of roof support.

Introduction of mechanized drilling by roof bolting machines.

Emphasis on development of indicators for impending load on roof.

*Statement*

*State-wise and year-wise details of fatal accidents due to collapsing (fall of roof and sides) in Coal Mines during last three years*

| Year | State | Name of Mine | Date of Accident | No. of perons killed | injured | Brief Cause |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 2005 | Andhra Pradesh | Motilal Khani No. 4 | 15.3.05 | | 0 | Fall of overhangs |
| | | Chennur I and IA | 16.3.05 | | 0 | Fall of roof |
| | Gujarat | Mata-no-madh | 13.10.05 | | 0 | Fall of sides (other than Overhangs |
| | Madhya Pradesh | Mohan | 12.2.05 | | 0 | Fall of sides (other than Overhangs) |
| | | Malga Colliery | 15.6.05 | 2 | 0 | Fall of roof |
| | | Vishnupuri U/G Mine No. 1 | 9.8.05 | | 1 | Fall of roof |
| | | Jamuna9& 10 Incline | 31.8.05 | | 0 | Fall of roof |
| | | Kurja UG Project | 30.10.05 | | 2 | Fall of roof |
| | | Bartara | 11.11.05 | | 0 | Fall of roof |
| | Orissa | Hingir Rampur | 28.4.05 | | 0 | Fall of roof |
| | | Orient No. 4 | 7.12.05 | | 0 | Fall of roof |
| | West Bengal | Chinakuri No. 3 | 2.1.05 | | 1 | Fall of roof |
| | | Begunia Project | 8.2.05 | | 0 | Fall of roof |
| | | Naba Kajora | 26.2.05 | | 0 | Fall of sides (Other than Overhangs) |
| | | Belbaid | 14.11.05 | | 0 | Fall of sides (Other than overhangs) |
| | | Sangramgarh | 19.11.05 | | 0 | Fall of sides (Other than overhangs) |
| 2006 | Andhra Pradesh | Jawahar Khani OCP | 16.2.05 | | 0 | Fall of sides (other than overhangs) |
| | | Godavari Khani 2A | 26.5.06 | | 0 | Fall of sides (other than overhangs) |
| | | Kalyan Khani No. 1 | 3.6.06 | | 1 | Fall of roof |
| | | Godarvar Khani No. 9 | 11.9.06 | | 1 | Fall of roof (other than overhangs) |
| | | Ravindra Khani No. 1A | 8.11.06 | | 0 | Fall of roof |
| | | Venkatesh Khani No. 7 | 12.11.06 | 4 | 2 | Fall of roof |
| | | Godavari Khani No. 2 | 13.11.06 | | 1 | Fall of Overhangs |
| | Madhya Pradesh | Jamuna 1 & 2 UG Mine | 11.2.06 | | 3 | Fall of roof |
| | | Dhanpuri Opencast | 27.4.06 | 1 | 0 | Premature collapse of workings/pillars |

| 1 | 2 | 3 | 4 | *i* | 6 | 7 |
|---|---|---|---|---|---|---|
| | | Ganapati | 13.7.06 | 1 | 2 | Fall of roof |
| | Orissa | Orient No. 3 | 23.6.06 | | 0 | Fall of roof |
| | West Bengal | Nakrakonda | 30.6.06 | 1 | 0 | Fall of roof |
| | | Chora 10 Pit | 31.8.06 | | 1 | Fall of roof |
| | | Shyamsunderpur | 30.11.06 | 6 | 0 | Fall of roof |
| 2007 | Andhra Pradesh | Ravindra Khani IA | 14.2.07 | | 0 | Fall of roof |
| | | Motilal Khani No. 4 | 10.7.07 | | 0 | Fall of sides (Other than overhangs) |
| | Madhya Pradesh | Pali | 6.2.07 | 1 | 0 | Fall-of roof |
| | | Tawa | 5.3.07 | | 0 | Fall of roof |
| | | Navgaon UG Mine | 31.3.07 | | 1 | Fall of roof |
| | | Nowrozabad West | 30.7.07 | | 0 | Fall of roof |
| | | Tawa | 6.10.07 | I | 0 | Fall of roof |
| | | Nandan No. 1 | 24.11.07 | 1 | 0 | Fall of roof |
| | Maharashtra | Manna Incline | 4.5.07 | | 0 | Fall of roof |
| | West Bengal | Sodepur | 8.8.07 | | 2 | Fall of roof |
| | | Kumardihi "A" | 16.9.07 | | 0 | Fall of roof |
| | | Parhelia | 21.12.07 | 1 | 1 | Fall of sides (Other than Overhangs) |
| 2008 | | | Nil | | | |

NOTE: Figures for the year 2006, 2007 and 2008 are provisional.
Figures for the year 2008 are upto 31.1.2008.

**Allocation of coal to Gujarat**

1405. SHRI SURENDRA MOTILAL PATEL:
SHRI JAYANTILAL BAROT:

Will the PRIME MINISTER be pleased to state:

(a) whether coal has been allocated to Gujarat only from the eastern coal belt;

(b) if so, the reasons therefore;

(c) the criteria for allocation of coal from the Western Collieries Ltd.; and

(d) the steps taken by Government to allocate coal to Gujarat from Western Collieries Ltd.?

THE MINISTER OF STATE IN THE.MINISTRY OF COAL (DR. DASARI NARAYAN RAO): (a) and (b) No, Sir. The Power Stations located in Gujarat are supplied coal from the coalfields of South Eastern Coalfields Limited (SECL) located in the State of Chhattisgarh and also from Western Coalfields Limited (WCL) located in the State of Maharashtra.

(c) and (d) The Standing Linkage Committee (Short-term), an inter-ministerial Committee comprising of representatives of Central Electricity Authority, Ministry of Power, Ministry of Railways and representatives of coal companies allocate coal from coal producing companies including Western Coalfields Limited to various power utilities, keeping in view, *inter-alia* their proximity from the coalfields, coal availability, grades of coal as per the Ministry of Environment and Forest (MoEF) norms and transport logistic involved. Further, CIL has reported that the major coal reserves of Coal India Limited (CIL) are concentrated in Karanpura, lb, Raigarh, Korba and Talcher fields and there is no substantial growth prospect